

KOVASHENKO, S.I., kand.tekhn.nauk, dotsent

Parameters of the natural vibrations of the loaded spans of metal  
girders railroad bridges. Trudy DIIT no.32:106-135 '61.

(MIRA 16:2)

(Railroad bridges--Vibration)

L 38219-66 EWT(1)/FSS-2 TT/JT GW  
ACC NR: AP6019458 (N)

SOURCE CODE: UR/0384/66/000/001/0027/0032

AUTHOR: Kondrat'yev, K. Ya. (Professor); Gayevskiy, V. L. (Candidate of physico-mathematical sciences); Konashenok, V. N.; Reshetnikov, A. I.

118

B

ORG: none

TITLE: Lunar meteorological observatory

SOURCE: Zemlya i vselennaya, no. 1, 1966, 27-32

TOPIC TAGS: lunar base, lunar communication, meteorologic satellite, laser application

ABSTRACT: The establishment of an observatory on the moon for the purpose of carrying out meteorological, astrophysical, and geophysical studies of the earth is discussed. While the advantages of a moon-based observatory are stressed, the authors emphasize that it will not obviate the need for earth satellites for meteorological studies. The lunar observatory will be especially important in investigating circulation in the earth's atmosphere. The use of laser beams in lunar-based studies of the earth is mentioned. One of the principal difficulties is the need to record small energy flows in a brief time span. This problem may be partially solved through the use of large mirrors which will serve as boosters. Orig. art. has: 2 photographs.

SUB CODE: 22,04,03 SUBM DATE: none

Card 1/1 *ell*

L 38562-66 EWT(1)/EWT(m)/FCC GW

ACC NR: AP6007738

SOURCE CODE: UR/0293/66/004/001/0089/0094

AUTHOR: Konashenok, V. N.

ORG: none

TITLE: Photochemical equilibrium and the ionic composition of the upper atmospheric layers

SOURCE: Kosmicheskiye issledovaniya, v. 4, no. 1, 1966, 89-94

TOPIC TAGS: upper atmosphere, atmospheric ion, chemical reaction, photoionization

ABSTRACT: The chemical and photochemical reactions which govern the ionic content of the upper atmosphere are analyzed. Equations are derived to show the conditions when the chemical balance equation

$$C_1\varphi_1(z) + C_2\varphi_2(z) + \dots + C_n\varphi_n(z) = C_{n+1}\varphi_{n+1}(z) + C_{n+2}\varphi_{n+2}(z) + \dots + C_m\varphi_m(z),$$

does not hold. Here the  $\varphi$ 's are known functions,  $z$  is the altitude, and the  $C$ 's are unknown constants. Eighteen chemical and photoionization equations are written to account for the ionic content of the atmosphere in the altitude range 150--300 km. From these the set of ionic balance equations is obtained

$$\begin{aligned} & \int \sigma_\lambda^i(O_2) \cdot I_\lambda d\lambda \cdot [O_2] + K_{12}[N_3^+][O_2] + K_{11}[O^+][O_2] - \\ & - K_{16}[O_2^+][N] - K_{15}[O_2^+][N_2] - a_2[O_2^+][n_e] = 0, \\ & \int \sigma_\lambda^i(O) \cdot I_\lambda d\lambda \cdot [O] + K_{11}[N_2^+][O] - K_{13}[O^+][N_2] - K_{14}[O^+][O_2] = 0, \end{aligned}$$

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UDC: 551.510.04

L 38562-66

ACC NR: AP6007738

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$$\begin{aligned} & \int \sigma_\lambda^i(N) \cdot I_\lambda d\lambda \cdot [N] + \int \sigma_\lambda^i(N_2) I_\lambda d\lambda \cdot [N_2] + K_{17}[N_2^+][N] - \\ & - K_{18}[N^+][O_2] = 0, \\ & \int \sigma_\lambda^i(N_2) \cdot I_\lambda d\lambda \cdot [N_2] - (K_{11} + K_{20})[N_2^+][O] - K_{17}[N_2^+][N] - \\ & - (K_{19} + K_{12})[N_2^+][O_2] - a_1[N_2^+][n_e] = 0, \\ & K_{13}[O^+][N_2] + K_{16}[O_2^+][N] + K_{15}[O_2^+][N_2] + K_{18}[N^+][O_2] + \\ & + K_{19}[N_2^+][O_2] + K_{20}[N_2^+][O] - a_3[NO^+][n_e] = 0. \end{aligned}$$

The logarithmic derivatives of these functions are then tabulated as a function of the altitude. It is shown that the  $N^+$  ion cannot be in photochemical equilibrium, the  $N_2^+$  ion is in photochemical equilibrium only if the condition

$$\int \sigma_\lambda^i(N_2) \cdot I_\lambda d\lambda \cdot [N_2] = K_{12}[N_2^+][O_2]$$

is satisfied, and the  $NO^+$  ion is in photochemical equilibrium only if

$$K_{16}[O^+][N_2] + K_{20}[N_2^+][O] = a_3[NO^+][n_e]$$

holds. The author thanks K. Ya. Kondrat'yev and Yu. M. Kagan for reading the manuscript and making valuable comments. Orig. art. has: 33 equations and 2 tables.

SUB CODE: G4/ SUBM DATE: 18Apr64/ ORIG REF: 004/ OTH REF: 004

Card 2/2MLP

L 37695-66 EWT(1)/FCC/FSS-2 TT/GW

ACC NR: AP6019596

SOURCE CODE: UR/0293/66/004/003/0427/0438

AUTHORS: Kondrat'yev, K. Ya.; Gayevskiy, V. L.; Konashenok, V. N.; Reshetnikov, A. I.

ORG: none

TITLE: Lunar meteorological observatory for earth observations78  
B

SOURCE: Kosmicheskiye issledovaniya, v. 4, no. 3, 1966, 427-438

TOPIC TAGS: lunar base, ~~meteostation~~, lunar atmosphere, earth atmosphere, spaceborne atmospheric observation, ~~upper~~ atmosphere, meteorology, radar, meteorologic research facility, solar energy, cloud cover, meteorologic satelliteABSTRACT: The advantages of observing the earth's atmosphere from a lunar base are analyzed. Among such advantages listed are: the absence of a <sup>thin</sup> lunar atmosphere; a continuous observation of the earth, inasmuch as the same lunar surface faces the earth at all times; and solar energy utilization. The two disadvantages associated with such an observatory are the excessive distance and periodic librations both in longitude and in latitude. The terrestrial area covered by one or more lunar observatories can be determined from sun-earth-moon position studies. The possibility of camera coverage and visual observation of the cloud cover in the earth's atmosphere is evaluated by reviewing existing TV and photographic methods used on weather satellites such as Nimbus. For a 2-km resolution a 12' visual angle is needed from a lunar-based TV camera. The study of spatial resolution over a 200 x 200-km area by thermal radiation sensors requires an angular resolution of 2'. Two other methods of some

Card 1/2

UDC: 551.501:523.3

L 37695-66

ACC NR: AP6019596

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merit for observing cloud coverage are radar observation and a thermal balance of the terrestrial surface or its albedo. The important problem of determining the effect of solar activity on changes in the upper atmosphere is investigated. The respective advantages and disadvantages of weather satellites and lunar observatories are reviewed, and it is shown that a lunar observatory does not make weather satellites obsolete but instead supplements them. Orig. art. has: 5 figures and 5 formulas.

SUB CODE: 22, 04/3/SUBM DATE: 27May65/ ORIG REF: 003/ ATD PRESS: 5041 [04]

nd  
Card 2/2

SALUNSKAYA, N.I.; SHKODENKO, V.I.; ROGACHEV, V.L.; KONASHEVICH, V.A.

Chemical control of common corn smut. Zashch. rast. ot vred. i  
bol. 8 no.4:21-22 Ap '63. (MIRA 16:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut zashchity  
rasteniy, Poltavskaya i Zaporozhskaya sel'skokhozyaystvennaya  
stantsiya i Gosudarstvennyy nauchno-issledovatel'skiy institut  
Grazhdanskogo vozдушного флота.

(Ukraine--Corn (Maize)--Diseases and pests)  
(Smuts)

FUNIKOV, A.V., kand.tekhn.nauk; KONASHEVICH, V.A., inzh.

Simple method of estimating. Zashch. rast. ot vred. i bol. 8  
no.9:42-43 S '63. (MIRA 16:10)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut Grazhdanskogo  
vozdushnogo flota.

KONASHEVICH, V.A., insh.; TUKALEVSKIY, I.M., kand.biolog.nauk

Controlling the European corn borer. Zashch. rast. ot vred. i bol.  
8 no.5:16-17 My '63. (MIRA 16:9)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut Grazdanskogo  
vozdushnogo flota i Zapozhskaya sel'skokhozyaystvennaya optytnaya  
stantsiya.

(European corn borer--Extermination)

KONASHEVICH, Z.I.

Konashevich, Z.I. K Izucheniyu Mestnykh Shsammov Klevernykh Bakterii.

Izvestiya Akad. Nauk BSSR, 1949, No 3, S. 89-99- Bibliogr: 15 Nazv.

SO: Letopis No. 30, 1949

1. YEZUBCHIK, A. A. and KONASHEVICH, Z.I.
2. USSR (600)
7. "The Spread of Certain Groups of Microorganisms in the Forest Soils of Poles'ye", In the book: O Lesakh Poles'ya (Concerning the Forests of Poles'ye), 1951, pp 167 - 179.
9. Mikrobiologiya, Vol XXI, Issue 1, Moscow, Jan-Feb 1952, pp 121-132, Unclassified.

RUMYANOV, Mikhail Vasil'yevich; KONASHEVSKIY, V.L., nauchnyy redaktor;  
SHVETSOV, I.B., redaktor; ISLENT'eva, P.G., tekhnicheskiy redaktor.

[My experience with the over-all mechanization of house painting]  
Moi opyt kompleksnoi mekhanizatsii maliarnykh rabot. Moskva, Izd-  
vo "Znanie," 1954. 30 p. (Vsesoiuznoe obshchestvo po rasprostra-  
neniiu politicheskikh i nauchnykh znanii, Ser. 4, no. 21)(MIRA 7:9)  
(Spray painting)

KONASHEVSKIY, Vladimir Lyudvigovich, inzhener-arkhitektor; GALAKTIONOV,  
A.A., kandidat tekhnicheskikh nauk, redaktor; UDOD, V.Ya., redaktor;  
VOLKOV, V.S., redaktor; MEDVEDEV, L.Ya., tekhnicheskiy redaktor.

[Exterior and interior facing of buildings] Narushnaia i vnutrenniaia  
oblitsovka zdanii. Moskva, Gos.izd-vo lit-ry po stroitel'stvu i  
arkhitekture, 1955. 303 p.  
(Building--Details) (MLRA 8:12)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9

KCNASHINSKIY, D. A.

Electrical Engineering for New Radio Amateurs (Elektrotehnika dlya  
nachinayushchego radiolyubitelya), Svyaz'izdat, 1950, 144 pp.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9"

VAINSHTEIN, S. S.; KONASHINSKIY, D. A.

Technology

(POPULAR RADIO LIBRARY) (Problems and examples  
for radio amateurs) Moskva. Gos-energoizdat,  
112, 1951

Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9

KONASHINSKIY, D. A.

Introduction to the technology of ultra high frequency. Moskva, Gos. energ. izd-vo, 1951. 127 p. (Massovaja radiobiblioteka, vyp. 95) (55-15961)

QC665.K64

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9

KONASHINSKIY, D.A.

[Electric filters] Elektricheskie fil'try. 2.izd., ispr.i dop. Moskva,  
Gos.energ.izd-vo, 1953. 79 p.  
(MIL 6:7)  
(Electric filters)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9"

KONASHINSKIY, D.A.

RIZKIN, Yefim Arenevich; BERG, A.I., redakter; DZHIGIT, I.S., redakter;  
KULIKOVSKIY, A.A., redakter; SMIRNOV, A.D., redakter; TARASOV, F.I.,  
redakter; TRAMM, B.F., redakter; CHECHIK, P.O., redakter; SHAMSHUR,  
V.I., redakter; KONASHINSKIY, D.A., redakter; VORONIN, K.P., tekhnicheskiy  
redakter.

[How to build a collective farm broadcasting studie] Kak postroit'  
kolkhozniu rechevuiu studiiu. Moskva, Gos.energ. izd-vo, 1956. 14 p.  
(Massovaiia radiobiblioteka, no.239). (MIRA 9:6)

(Radio stations) (Radio in agriculture)

DUBROVIN, Boris Fedorovich; KOMASHINSKIY, D.A., redaktor; VORONIN, K.P.,  
tekhnicheskiy redaktor

[Radiotelephonic communication with moving objects] Radiotelefonnaia  
sviaz' s pamyishnymi ob"ektami. Moskva, Gos. energ. izd-vo, 1956.  
94 p. (Massovaia radiobiblioteka, no.248) (MIRA 9:9)  
(Telephone, Wireless)

KONASHINSKIY, Dmitriy Alekseevich; PLENKIN, Yu.N., red.; BOHUNOV,  
M.I., tekhn.red.

[Electric frequency filters] Chastotnye elektricheskie  
fil'try. Izd.3., perer. Moskva, Gos.energ.izd-vo, 1959.  
127 p. (Massovaia radiobiblioteka, no.344) (MIRA 12:12)  
(Electric filters)

"APPROVED FOR RELEASE: 06/13/2000

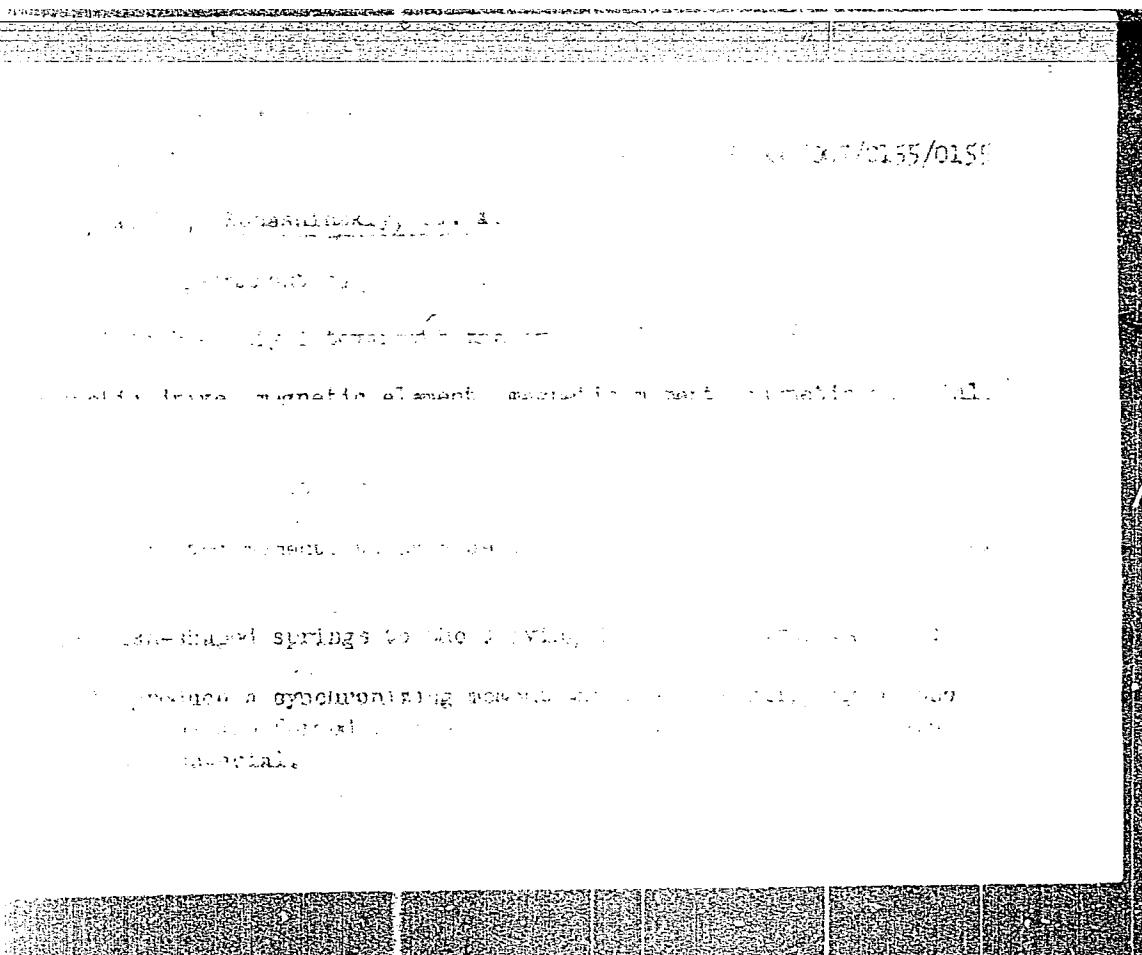
CIA-RDP86-00513R000824130004-9

TURLYGIN, S.Ya., prof.; KONASHINSKIY, D.A., red.; LARIONOV, G.Ye.,  
tekhn.red.

[High-frequency heating of steel for hardening] Nekotorye  
voprosy vysokochastotnogo nagрева stali dlia zakalki.  
Moskva, Gos.energ.izd-vo, 1959. 167 p. (MIRA 12:7)  
(Steel--Hardening) (Induction heating)

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CIA-RDP86-00513R000824130004-9

KONASHKO, I.G., inzh.

Shell mold casting. Mashinostroenie no.4:116-118 Jl-Ag '63.  
(MIRA 17:2)

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CIA-RDP86-00513R000824130004-9"

KONASHKO, N.P.

IUGOVTSOV, M.V.; VORONOVA, N.A.; SUSLOV, V.A.; KONASHKO, N.P.

Engine crankshafts made of oxygen-blown cast iron. Trudy Inst.  
chern. met. AN URSR 6:116-137 '53. (MIRA 11:4)  
(Iron founding) (Oxygen—Industrial applications)  
(Crank and crankshafts)

MILKO, Sergey Nesterovich; FIRSTOV, Aleksey Nikolayevich; KONASHKO,  
N.P., otv.red.; TEPLYAKOVA, A.S., red.

[Progressive foundry practices] Progressivnaja tekhnologija  
liteinogo proizvodstva. Kiev, 1960. 39 p. (Obshchestvo po  
rasprostraneniju politicheskikh i nauchnykh znanii Ukrainskoj  
SSR. Ser.7, no.12).  
(Founding)

DUDKO, D.A., kand.tekhn.nauk; KONASHKO, N.P., otv. za vypusk;  
SAMCHENKO, I.S., red.

[New possibilities for welding with a high-temperature arc,  
compressed by a gas stream] O novykh vozmozhnostakh svarki  
vysokotemperaturnoi dugoi, sshatoi gazovym potokom. Kiev,  
Glavpoligrafizdat M-va kul'tury USSR, 1960. 11 p.

(MIRA 14:11)

1. Institut elektrosvarki im. Ye.O.Patona AN SSSR (for Dudko).  
(Electric welding)

KONASHKO, Nadezhda Petrovna; NOVIK, O.M., red.; MATUSEVICH, S.M.  
[Matusevych, S.M.], tekhn. red.

[Advanced technology and mechanization of founding operations]  
Perekova tekhnologiya i mekhanizatsiya lyvarnoho vyrobnytstva.  
Kyiv, Derzhetekhvydav URSR, 1962. 150 p. (MIRA 15:12)  
(Founding)

MYLKOV, S. N.; KONASHKO, N. P.

Converter making of steel in foundries. Lit. proizv. no. 10:4-7  
(MIRA 15:10)  
0 '62.

(Foundries—Equipment and supplies)  
(Converters)

KONASHKO, N.P., inzh.

Dephosphorization of steel melted in small converters with side blow. Mashinostroenie no.4:48-52 Jl-Ag '62. (MIRA 15:9)

1. Institut tekhnicheskoy informatsii Gosudarstvennogo komiteta po koordinatsii nauchno-issledovatel'skikh rabot, Kiyev.  
(Bessemer process)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9

MYLKO, S.N., kand.tekhn.nauk; KONASHKO, N.P., inzh.

New principles for designing centralized founding ships.  
Mashinostroenie no.6-23-26 N-D '63.

(MIRA 16:12)

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CIA-RDP86-00513R000824130004-9"

KONASHKO, N.P., inzh.

Properties of oxygen blown modified cast iron in parts under  
continuous operating conditions. Mashinostroenie no.5:59..  
62 S.O '63. (MIRA 16:12)

KONASHKO, N.P., inzh.

Dependence of the mechanical properties of bessemer steel  
on its chemical composition. Met. i gornorud. prom. no.5:  
19-22 S=0 '63. (MIRA 16:11)

GARBUZ, G.A.; KONASHKO, N.P., otv. za vyp.; SAMCHENKO, I.S., red.;

[Steel production in oxygen converters] Proizvodstvo stali  
v kislorodnykh konverterakh; tematicheskii obzor. Kiev,  
Gos.izd-vo tekhn.lit-ry USSR, 1963. 71 p. (MIRA 16:10)  
(Bessemer process)  
(Oxygen--Industrial applications)

KONASHKO, N.P.

Improvement of blast furnace and steelmaking practices abroad.  
Met. i gornorud. prom. no.1:80-84 Ja-F '64.

(MIRA 17:10)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9

KONASHKO, N.P.

All-Union Scientific and Technical Conference of Steelworkers.  
Met. i gornorud. prom. no.3:77-79 My-Je '64. (MIRA 17:10)

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CIA-RDP86-00513R000824130004-9"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9

KONASHKO, N.P.

Republican conference on the theory and practice of the oxygen-blown converter process. Met. i gornorud. prom. no.1:75-76  
Ja-F '65.  
(MIRA 18:3)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9"

KONASHKO, N.P.

International exhibition "Chemistry in industry, construction,  
and agriculture." Met. i gornorud. prom. no.6:74-75 N-D '65.  
(MIRA 18:12)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9

KONASHKOV, I. S.

Citrus fruits near Moscow. Moskva, Ministerstvo komunal'nogo khoziaistva RSFSR,  
1954. 85 p.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9"

KONASHOV, V.

Interformational washout in the Upper Jurassic limestone layer  
of the Donets Basin. Geol. zhur. 24 no.4:105 '64. (MIRA 18:2)

1. Artemovskaya kompleksnaya geologorazvedochnaya ekspeditsiya  
tresta "Artemgeologiya."

KONASHOV, V.G.

Origin of volcanogenic material in the Upper Bathonian sandstones  
of the Donets Basin. Dokl. AN SSSR 163 no.4:967-969 Ag '65.  
(MIRA 18:8)

1. Submitted April 27, 1965.

KONASHOV, V.G. [Konashov, V.H.]

New key horizon on the basis of the Tours stage of the Donets  
Jurassic. Geol. zhur. 24 no.2:81 '64 (MIRA 18:2)

1. Artemovskaya kompleksnaya geologorazvedochnaya ekspeditsiya.

BELASH, F.N., prof., doktor tekhn. nauk; PUGINA, O.V., starshiy nauchnyy sotrudnik; KONASHKOVA, S.V., inzh.

Recovering iron oxides from the tailings of the magnetic separation of Kursk Magnetic Anomaly iron quartzites at the Gubkin and Yuzhno-Korobkovskoye plants. Sbor. nauch. trud. KGRI no.17:107-122 '63. (MIRA 17:1)

KONASIEWICZ, Tadeusz

Water line intakes through horizontal borings. Kwartalnik  
geol 6 no.4:765-766 '62.

1. Zaklad Hydrogeologii, Instytut Geologiczny, Warszawa.

KONASIEWICZ, Tadeusz, inz.

Geophysical research by the own potential method used for the determination of the filtration direction of shallow underground waters. Gosp wodna 22 no.6:254-256 Je '62.

1. Instytut Geologiczny, Warszawa.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9

KONASIEWICZ, T.; MACHER, J.

Scientific session of the Department of Hydraulic Engineering of  
the Polytechnic College in Krakow. Przegl geol 10 no.9:3 of  
cover S '62.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9"

KONASIEWICZ, Tadeusz

Water intake by wells with horizontal filters. Przegl geol 10  
no.8:424-426 Ag '62.

1. Instytut Geologiczny, Warszawa.

KONASOV, F., podpolkovnik

Fire control of a platoon during attack. Voen. vest. 38 no. 8:70-  
75 Ag '58. (MIRA 11:7)

(Attack and defense(Military science))  
(Shooting, Military)

KONASOV, M.

Progressive practice should be adopted in industrial training schools. Prof.-tekhn.oibr. 12 no.12:13-14 D '55. (MIRA 9:3)

1. Nachal'nik Arkhangel'skogo oblastnogo upravleniya trudovykh reserzov.  
(Technical education)

22 (1)

SOV/27-59-3-4/37

AUTHOR:

Komasov, M., Chief

TITLE:

School Network Should Be Expanded (Rasshirit' set' uchilishch)

PERIODICAL:

Professional'no-tehnicheskoye obrazovaniye, 1959, Nr 3,  
pp 3 - 4 (USSR)

ABSTRACT:

In the editorial preface it is pointed out that the Law on Consolidating the Connection between School and Life is designed to further improve training and education. It defines, in particular, the special tasks of vocational-technical training. In this connection a number of problems arise requiring immediate solution, such as, reorganizing the curricula, improving the organization and methods of theoretical and industrial training, supplying the school with new machinery and other equipment, and placing the training workshops partially on a self-supporting basis. These problems are dealt with in this and the following articles. To satisfy the increasing demand for skilled workmen, it is necessary to expand the network of vocational-technical schools of the Labor Reserves and to raise the

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SOV/27-59-3-4/37

**School Network Should Be Expanded**

level of training. Most of the educational institutions in the Arkhangel'sk Oblast' have only 100 to 150 students. The author outlines the necessity to increase this number to 300 or 400 persons, assigning each school a certain specialty. The author tells of 19 training workshops under construction or to be built in 1959. For the timber industry of the Oblast' over 2,000 skilled workmen are being trained at present. This number is entirely inadequate, and therefore many thousands of workmen come to the Arkhangel'sk area from other oblast's and republics every year. It is considered more expedient to raise and train these workmen from among the local population. It is further required that the training of qualified workers for agriculture be placed on a wider scale. For this purpose rural vocational-technical schools must be established. The training of workmen for the building industry, RR transport, industry and trade is also unsatisfactory. Large trusts and building enterprises like the Arkhbumstroy, Kotlasbumstroy, Stroitel'no-montazhnoye upravleniye (Construction and Assembly Administration) of

Card 2/4

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9

KONASOV, M.

Progressive workers in production are a model for students.  
Prof.-tekhn. obr. 18 no.2:11 F '61. (MIRA 14:3)

1. Nachal'nik Arkhangel'skogo oblastnogo upravleniya professional'no-tehnicheskogo obrazovaniya.  
(Archangel Province—Vocational education)

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CIA-RDP86-00513R000824130004-9"

KONATOWICZ, M.

"Achievements of the Textile Industry in the Field of Industrial Safety and Hygiene." p. 36, (ODZIEZ, Vol. 5, No. 2, Feb. 1954. Lodz, Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC,  
Vol. 3, No. 12, Dec. 1954, Uncl.

KONATOWICZ, M.

"Fulfillment of Production Plans for 1953." p. 37, (ODZIEZ, Vol. 5, No. 2,  
Feb. 1954. Lodz, Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC,  
Vol. 3, No. 12, Dec. 1954, Uncl.

KONNVA, M. K.

Def. at  
Tbilisi State U.

1941. 02. [12] c. [24] ~~стремял~~ Мицанди, Имричка. 1924.  
[Тр. Исп. Гарн. № 2, 1927].  
Мин. А. МИЦАНДИ. 1941, 23.10.  
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1942. Требование Михаила  
Анастасия Тимофеевича, [9] с. [Тр.  
Исп. Гарн. № 2, 1942].  
Заг. 1942, 27.11.  
1942. Харитон Аксаков  
Константина Ивановича, [12] с.  
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- БИОГРАФИЯ**
1910. 03. Стартовал в Борисоглебске  
в 1910 г. в 1-й классе начальной школы.  
В 1912 г. окончил 4 класса и поступил  
в Борисоглебскую среднюю школу.  
В 1914 г. окончил 7 классов и поступил  
в Борисоглебский реальное училище.  
Заг. 1942, [1], 142 л. с. ч.  
Сент. 1942, 11. 142 л. с. ч.  
Заг. 1943, 6.5.
- АКАДЕМИЧЕСКОЕ ГРУППИРОВАНИЕ**
- Бианки Яков Иосифович родился в селе  
Бианки Усманской губернии в семье крестьян.  
В 1942 г. 134 с. [21] мес. Академия  
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Заг. 1943, 27.3.
- БИОГРАФИЯ**
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Бианки Усманской губернии в семье крестьян.  
В 1942 г. 134 с. [21] мес. Академия  
8 пер. [Тр. Исп. Гарн. № 2, 1947].  
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- ОНА АЛЕКСАНДРА ФЕДОРЬЕВНА**
- Она Александра Федорьевна родилась в 1912 г.  
в селе Бианки Усманской губернии в семье крестьян.  
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- ГУЛАР РАХИМ СОФИЯ АЗИЗОВНА**
- Корзакова Марина Константиновна  
родилась в 1910 г. в селе Красногородское Уфимской  
области. Академия 8 пер. [Тр. Исп. Гарн. № 2, 1947].  
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- МАКАРОВА АЛЕКСАНДРА НАСИДОВНА**
- Генерал-майор Улановой Альбина Насидовна  
родилась в 1910 г. в селе Красногородское Уфимской  
области. Академия 8 пер. [Тр. Исп. Гарн. № 2, 1947].  
Заг. 1943, 27.3.
- ЧЕЧЕЛДЖАЛОВ МАМАДЖАН ГЕОРГИЕВИЧ**
- Чечелджалов состоял спиртной фабрике в Чечено-Ингушетии.  
Заг. 1941, 146 с.  
Заг. 1941, 166.

Biographical Summary of  
Candidate Biological Sciences

721

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9"

Def. at  
Tbilisi State U.

1940. Грузинский областной симфонический оркестр под управлением К. Стамеца. Тбилиси. 2 а. нар. [2] с. 19 [1]. № 37. 1941. № 21 с. 22. № 37. 1942. № 37. с. 22	1940. Грузинский областной симфонический оркестр под управлением К. Стамеца. Тбилиси. 2 а. нар. [2] с. 19 [1]. № 37. 1941. № 21 с. 22. № 37. 1942. № 37. с. 22
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Зав. 1941, 25.6. Историк Керзаке Ша- хов Николай Иванович Заводчик Тбилиси. 1941. № 127 [2] с. 19 [1]. № 4. № 1 (пп. Нар. р-р.). Зав. 1941. 25.6.	Казахская Баянтар Советской Антитанковой бригады Ташкент. Заводчик Ташкент. 1941. Зав. 1941. 25.6.
№ 1. Родился 21.12.1908 г. в г. Магадане. Участвовал в боевом фронте в 1941-1942 гг. в составе 56-го Дальневосточного артил- лерийского полка. 1940. № 39. № 30 - № 29. № 37. № 37. № 36. № 31. № 9. № 10. № 13. № 17. № 12.	№ 1. Родился 21.12.1908 г. в г. Магадане. Участвовал в боевом фронте в 1941-1942 гг. в составе 56-го Дальневосточного артил- лерийского полка. 1940. № 39. № 30 - № 29. № 37. № 37. № 36. № 31. № 9. № 10. № 13. № 17. № 12.
Сергей Иосиф Алексе- евич. Магаданская строительная стекольная мануфактура им. Ку- знецова Паллада Курасова. 1940. № 29. с. дни. 2 а. нар. (пп. Курасов). № 4-1 (1), № 9. № 14-15.	Сергей Иосиф Алексе- евич. Магаданская строительная стекольная мануфактура им. Ку- знецова Паллада Курасова. 1940. № 29. с. дни. 2 а. нар. (пп. Курасов). № 4-1 (1), № 9. № 14-15.
Зав. 1940. 17.2. № 92. Ученый совет Геологиче- ской инженерии № 307. № 15. Созд. 1940. № 165. № 154. Год. 1940. № 176. № 154. Зав. 1940. № 216. № 1 (пп. Гос.- план). № 13. № 1 (пп. Гос.- план). № 1 (пп. Гос.-план). № 1 (пп. Гос.-план). № 1 (пп. Гос.-план).	Зав. 1940. 17.2. № 92. Ученый совет Геологиче- ской инженерии № 307. № 15. Созд. 1940. № 165. № 154. Год. 1940. № 176. № 154. Зав. 1940. № 216. № 1 (пп. Гос.- план). № 13. № 1 (пп. Гос.-план). № 1 (пп. Гос.-план). № 1 (пп. Гос.-план).
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Зав. 1940. 20.4. Историк Керзаке Ша- хов Николай Иванович Тбилисской фортран Заводской бригады. 1940. № 126 с. эн. А (пп. Нар. р-р). № 1 (пп. 1940).	Зав. 1940. 20.4. Историк Керзаке Ша- хов Николай Иванович Тбилисской фортран Заводской бригады. 1940. № 126 с. эн. А (пп. Нар. р-р). № 1 (пп. 1940).
Зав. 1940. 24.4. Историк Керзаке Ша- хов Николай Иванович Тбилисской фортран Заводской бригады. 1940. № 126 с. эн. А (пп. Нар. р-р). № 1 (пп. 1940).	Зав. 1940. 24.4. Историк Керзаке Ша- хов Николай Иванович Тбилисской фортран Заводской бригады. 1940. № 126 с. эн. А (пп. Нар. р-р). № 1 (пп. 1940).
Зав. 1940. 25.4. Природовед Мария Бадиан горская. Геологическая школа в Кахетии Грузии. 1940. № 1 (пп. Гос.-план). № 1 и. № 1 (пп. Гос.-план). № 1 (пп. Гос.-план). № 1 и. № 1 (пп. Гос.-план). № 1 (пп. Гос.-план).	Зав. 1940. 25.4. Природовед Мария Бадиан горская. Геологическая школа в Кахетии Грузии. 1940. № 1 (пп. Гос.-план). № 1 и. № 1 (пп. Гос.-план). № 1 (пп. Гос.-план).
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200 Classification for degree of Confidence Confidential Source	200 Classification for degree of Confidence Confidential Source

ACCESSION NR: AP4041403

S/0020/64/156/006/1386/1388

AUTHOR: Zakumbayeva, G. D.; Noskova, N. F.; Konayev, E. N. Sokol'skiy, D. V. (Academician AN KazSSSR)

TITLE: Liquid phase oxidation of carbon monoxide

SOURCE: AN SSSR. Doklady\*, v. 156, no. 6, 1964, 1386-1388

TOPIC TAGS: carbon monoxide, liquid phase oxidation, palladous chloride catalyst, cupric chloride catalyst, bromide ion, iodide catalyst, acetate ion, catalyst activity, catalyst regeneration, catalyst life

ABSTRACT: The liquid phase oxidation of low concentrations (0.3-2%) of carbon monoxide in a circulating system at 20, 40 and 60°C was investigated. The CO-containing gas was bubbled at 150-300 liters/hour through the catalyst solution at the bottom of the reactor. At 20°C only 12% oxidation was attained using  $\text{PdCl}_2$  or  $\text{CuCl}_2$  in 0.02-0.1N HCl; this yield was lowered to 6% at 40°C. With the addition of bromide or iodide ion oxidation was increased to 20% and was independent of temperature. A maximum oxidation of 35% was attained with  $[\text{Pd}^{2+}] : [\text{Cu}^{2+}] = 0.22$ ,  $[\text{Cl}^-] : [\text{Br}^-] = 0.2$  and 0.02N HCl.

Card 1/2

S/NR: AP5001991

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16  
17

Small amounts of Cu(0.024%) were added to the aqueous system.

Reaction time: 1 hr.

16  
17

Reaction time: 1 hr.

Reaction time: 1 hr.

Reaction time: 1 hr.

Small amounts of Cu (0.024%) were added to the aqueous system.

Reaction time: 1 hr.

In the presence of Fe<sup>3+</sup> the activity of Cu<sup>2+</sup> decreased as the concentration of Fe<sup>3+</sup> increased. At 0.5 g/l Fe<sup>3+</sup> the activity was reduced by 50%.

At 0.5 g/l Fe<sup>3+</sup> and 0.024% Cu<sup>2+</sup> the activity was reduced by 50%.

inhibited the CO oxidation process. Apparatus extraction rates affected the rate of CO oxidation. The apparatus was cleaned by rinsing with water.

The reaction was carried out in the presence of various redox active scavenging agents with high redox potentials which interfere with reduction of the catalyst. The reaction was carried out at 200°C for 10 hours.

The reaction proceeded continuously as long as there was no loss of activity.

Institute Khimicheskikh Soedinenii Akademii Nauk SSSR

USSR Academy of Sciences Institute of Chemistry  
Moscow, Russia

ZAKUMBAYEVA, G.D.; NOSKOVA, N.F.; KONAYEV, E.N.; SOKOL'SKIY, D.V., akademik

Low-temperature oxidation of carbon monoxide by aqueous solutions  
of palladium salts. Dokl. AN SSSR 159 no.6:1323-1325 D '64  
(MIRA 18:1)

1. Institut khimicheskikh nauk AN KazSSR. 2. AN KazSSR (for  
Sokol'skiy).

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9

1. Measure the irradiance at the facility entrance.

2. Measure the irradiance at the facility entrance.

3. Measure the irradiance at the facility entrance.

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DATE TYPED: 29 Jan 65

ENCL: 00

SUB CODE: OP, SE

Card: 27

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9"

KONAZHEVSKIY, A.

KONAZHEVSKIY, A.—"The Synthesis and Polymerization of Methyl Ethers of Alpha-Haloic Derivatives of Acrylic Acids." Mir Higher Education USSR. Moscow Order of Lenin Chemicotechnological Inst. imeni D. I. Mendeleev. Moscow, 1955. (Dissertation for the Degree of Candidate in Technical Science)

SO Knizhnyy letopis'  
No 2, 1956

5(3)

## AUTHORS:

Losev, I. P., Smirnova, O. V.,  
Konazhevskiy, A. S.

SOV/153-58-6-16/22

## TITLE:

Synthesis of the Esters of the  $\alpha$ -Chloro Acrylic Acid (Sintez  
efirov  $\alpha$ -khlorakrilovoy kisloty). I. Synthesis of the Methyl  
Ester of  $\alpha$ -Chloro Acrylic Acid (I. Sintez metilovogo efira  
 $\alpha$ -khlorakrilovoy kisloty)

## PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya  
tekhnologiya, 1958, Nr 6, pp 93-96 (USSR)

## ABSTRACT:

The authors give the various production methods of the methyl ester of  $\alpha$ -halogen-substituted acrylic acid (Refs 1-14) and discuss them by means of schemes. The production (synthesis) given in the subtitle is discussed first in the experimental part. It consists of: production of the methyl ester of  $\alpha$ ,  $\beta$ -dichloro propionic acid (Table 1) and of the dehydrochlorination of the methyl ester of the last mentioned acid. 2 fractions were obtained: 1) 69-70%, boiling point 65-68° at 50-52 mm. 2) 18-20%, boiling point 73-75° at 50-52 mm. According to the analysis, the second fraction is enriched with methyl

Card 1/3

Synthesis of the Esters of the  $\alpha$ -Chloro Acrylic Acid. SOV/153-58-6-16/22  
I. Synthesis of the Methyl Ester of  $\alpha$ -Chloro Acrylic Acid

ester of  $\alpha,\beta$ -dichloro propionic acid. From two experimental series we may conclude that in the case of the application of 25% NaOH-solution as dehydrochlorinating reagent a product is obtained which approaches most closely the methyl ester of the  $\alpha$ -chloro acrylic acid. This ester is an achromatic liquid with characteristic lachrimatory properties. It causes burns of the skin. Then the production of the mentioned ester from  $\alpha$ -chloro acrylic acid and trichloro ethylene is described. The dependence of the yield in esters with regard to time was determined for an experiment with the following quantity of reacting substances: trichloro ethylene 100.0 g (0.763 mole), formalin (of 30%) 76.3 g (0.763 mole), sulfuric acid 316.0 g (3.230 mole), methyl alcohol 30.6 g (0.957 mole), and copper carbonate (as inhibitor of the polymerization) 1.3 g (Fig 1). This shows that the maximum yield (75% of the theory) of the methyl ester of  $\alpha$ -chloro acrylic acid is obtained within 3 hours. The yield is reduced in the case of a further heating of the reaction mass. The dependence of the ester yield on the  $H_2SO_4$  quantity is shown in table 2. The waste acid has a concentration of 40-50%. The temperature

Card 2/3

Synthesis of the Esters of the  $\alpha$ -Chloro Acrylic Acid. SOV/153-58-6-16/22  
I. Synthesis of the Methyl Ester of  $\alpha$ -Chloro Acrylic Acid

of the reaction amounted to 75°. There are 2 figures, 1 table,  
and 14 references.

ASSOCIATION: Kafedra tekhnologii vysokomolekulyarnykh soyedineniy,  
Moskovskiy ordena Lenina khimiko-tehnologicheskiy institut  
imeni D. I. Mendeleyeva (Chair of the Technology of High-  
Molecular Compounds, Moscow "Order of Lenin" Institute  
of Chemical Technology imeni D. I. Mendeleyev)

SUBMITTED: February 7, 1958

Card 3/3

KoNA=HEUSK,y, A.

5(1.5)      Losen, I. P., Saitseva, O. V., Bodnar, E., Litvinova, L. M.  
Somovskiy, A.

TITLE:      Synthesis of  $\alpha$ -Chloroacrylic Acid Esters

PERIODICAL:      Vestnaya Vsesoiuznaya Akademiya Nauk SSSR po Khimicheskoye i Tekhnologicheskoye Nauki, Vol. 2, No. 4, pp. 509 - 593 (1959)

ABSTRACT:      A report on this paper was given at the All-Union Conference on "The Ways of Synthesis of Industrial Products for High Polymers" which took place in Tveroblagodat' from September 23 to October 2, 1958. Among the polymer esterides, containing more and more importance, the acryl derivatives are outstanding because of their many valuable properties. On the other hand, polymers obtained from the derivatives of acrylic acid and methacrylic acid esters show considerable shortcomings such as little reactivity to heat, light, and ozone. In continuation, due to the ways of eliminating these shortcomings in polymer production on the basis of the esters mentioned in the title. Only  $\alpha$ -chlorinated esters can be used (see 1). After giving a survey of publications (see 2), the authors state that the synthesis of the esters mentioned is the title in the presence of concentrated  $H_2SO_4$  and

alcohol is of high practical interest (because the initial substances triethylene chloride and formaldehyde are easy to obtain) (Ref. 1, 12). In the paper under review, publication data on the synthesis of acrylic esters were taken into consideration, and the way of synthesis of other esters (ethyl,  $n$ -propyl-,  $n$ -propylene-,  $n$ -butyl-,  $n$ -butylene-,  $n$ -butyryl-,  $n$ -butyryl- $n$ -butyryl-,  $n$ -butyryl- $n$ -butyryl-esters) were investigated. The synthesis of the acid mentioned in the title with an excess carbon chain has been little described in publications (Ref. 4). Acrylic acid ester, acrylonitrile, and triethylene chloride are used as raw material. Starting from the former, allyl esters can be synthesized in two stages: a) synthesis of the ester of  $\alpha, \beta$ -dichloropropionic acid; b) dehydrochlorination of dichloro derivatives obtained from propionates used by means of various separating agents. C o n c l u s i o n s: 1) In the chlorination of acrylic acid esters by means of chlorine in the presence of diisobutyl formamide, corresponding esters of  $\alpha, \beta$ -dichloropropionic acid are formed with a yield of more than 90% (for the theoretical yield). 2)  $n$ -Methylpropiocyanide was formed by direct chlorination of acrylonitrile under the same conditions. This method of chlorination is new.

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Preparation of esters of the acids mentioned under 1) From the substance mentioned under 2) gives a yield of 92 to 95% is convenient, and interesting with regard to waste utilization of acrylonitrile. Production: 4) By means of chlorination, sulfification, and methylation of acrylonitrile. Various yields of dichloropropionic and one can be obtained in one stage up to 80%. 5) Sodium acetate is formed to be the best agent in dehydrochlorination of the ester of  $\alpha, \beta$ -dichloropropionic acid (yield of 85%). 6) Various methods can be used in the preparation of the esters of  $\alpha, \beta$ -dichloropropionic acid. 7)  $n$ -Methylpropiocyanide can be obtained from triethylene chloride and formaldehyde in the presence of a reagent active alcohol, and  $25^{\circ}$ . The water yield decreases with increasing chain length of the alcohol radical. 8) Esters are formed if isocyanide and chloroform alcohol are used. There are 2 figures, 1 table, and 12 references, 1 of which is Soviet. A. Somovskiy Khimiko-Tekhnologicheskiy Institut Izani D. I. Nekrasova (Moscow Institute of Chemical Technology) Head D. I. Nekrasov

Card 3/5

LOSEV, I.P.; SHIROVA, O.V.; BODNER, E.M.; LUTSENKO, L.N.;  
KONAZHEVSKIJ, A.S.

Polymerization of  $\alpha$ - chloroacrylic acid esters. Izv.vys.ucheb.  
zav.;khim.i khim.tekh. 4 no.3:471-476 '61. (MIRA 14:10)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni  
Mendelejeva, kafedra tehnologii vysokomolekulyarnykh  
soyedineniy.

(Acrylic acid)  
(Polymerization)

KONCA, I.

A horizontal whirl tube precipitator. p. 530.

EMERGIA ES ATOMTECHNIKA. (Energiagazdalkodasi Tudomanyos Egyesulet.)  
Budapest, Hungary. Vol. 12, no. 9, Oct. 1959.

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960

Uncl.

KONCALOVA, Marie Nadezda

Effect of the carbon dioxide on the cellular structure of wheat,  
barley and onion. Biologia plantarum 4 no.3:170-175 '62.

1. Department of Plant Physiology and Soil Biology, Faculty of  
Natural Science, Charles University, Praha 2, Vinicna 5.

\*

KONCAR, Darko; BUCAR, France, dr.

Degree of automatization and its influence on profitability. Automatika 2 no.1:9-13 Ap '61.

(Automation)

COUNTRY : YUGOSLAVIA Q  
 CATEGORY : Farm Animals. Cattle  
 ABS. JOUR. : RZBiol., No. 13, 1958, No. 59509  
 AUTHOR : Koncar, L.  
 INST. : -  
 TITLE : Raising of the Simmenthal Spotted Cattle on  
          the Agricultural Estate Modrica  
 ORIG. PUB. : Veterinaria (Jugosl.), 1957, 6, No 2-3, 316-  
              331  
 ABSTRACT : No abstract.

CARD: 1/1

Q - 24

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9"

COUNTRY : YUGOSLAVIA Q  
 CATEGORY : Farm Animals.  
             Small Horned Cattle.  
 ABS. JOUR. : RZhBiol., No. 6, 1959, No. 25855  
 AUTHOR : Koncar, Ladislav  
 INST. : -  
 TITLE : The Hybridization of Domestic Sheep in Bosnia  
          and Herzegovina.  
 ORIG. PUB. : Pol'opr. pregl., 1957, 6, No 11-12, 454-460  
 ABSTRACT : In Bosnia and Herzegovina there were 1,836,000  
          sheep of the primitive local breed, including  
          1,187,000 ewes in 1957. The total population  
          of sheep includes 8,000-10,000 Tsigayskaya  
          sheep and their hybrids and about 10,000 Mer-  
          ino hybrids. The sheep's productivity is low.  
          Hybridization was begun in 1946. During the  
          period of 1948-1956 about 100,000 heads of lo-  
          cal breed sheep were mated with Merino rams of  
          different types. There are about 10,000 hybrid  
          sheep of the 1st and 2nd generation. All hy-

Card: 1/2

KONCAR L.

YUGOSLAVIA / Farm Animals. Small Horned Stock.

Q-2

Abs Jour: Ref Zhur-Biol., No 23, 1958, 105670

Author : Koncar, L.

Inst : Not given.

Title : The Results of Crossbreeding with the Morino  
of the Local Ewes of Bosnia and Herzegovina.

Orig Pub: Stocarstvo, 1958, 12, No 1-2, 24-33.

Abstract: Work was begun on a large scale in 1948. Up  
to 1956, about 100,000 local sheep were crossed  
with various types of Morinos. Among rams, were  
41 Rambouillet and 15 Prescoco weighing 40-70 kg.  
In 1955, there were imported additionally from  
France 7 Rambouillet rams, 22 Morino, 12 Procco,  
and from Germany 16 Wuertemberg rams. The aim  
of the work was to obtain sheep with a wool yield  
of 3-4 kg. and a milkiness of 110-120 liters.

Cont'd 1/2

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KONCAR, L.

CIA-RDP86-00513R000824130004-9'

A contribution to the knowledge of the wool of some types  
of Pramenka sheep, and the method of its amelioration in  
Bosnia and Hercegovina. Bul sc Youg 8 no. 1/2: 29 F-Ap  
'63.

1. Poljoprivredni fakultet Univerziteta, Sarajevo.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9

KONCAR-DIRUDJEVIC, Slabodan

Scientific and professional assistance to our chemical  
industries. Almhem Ind. 141-144 '56.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9"

MITROVIC, Milan; KONCAR-DJURDJEVIC, Slobodan

Studies of the adsorption from a solution on rotating disks.  
Glas Hem dr 28 no.7:393-408 '63.

1. Institute of Chemical and Metallurgical Engineering of the  
Faculty of Technology, Belgrade. Submitted January 22, 1963.

POPOVIC, Dragica; KONCAR-DJURDJEVIC, Slobodan

Measuring the local coefficients of mass transfer on cylindrical surfaces under certain hydrodynamic conditions. Glas Hem dr 29 no.9/10:491-499 '63.

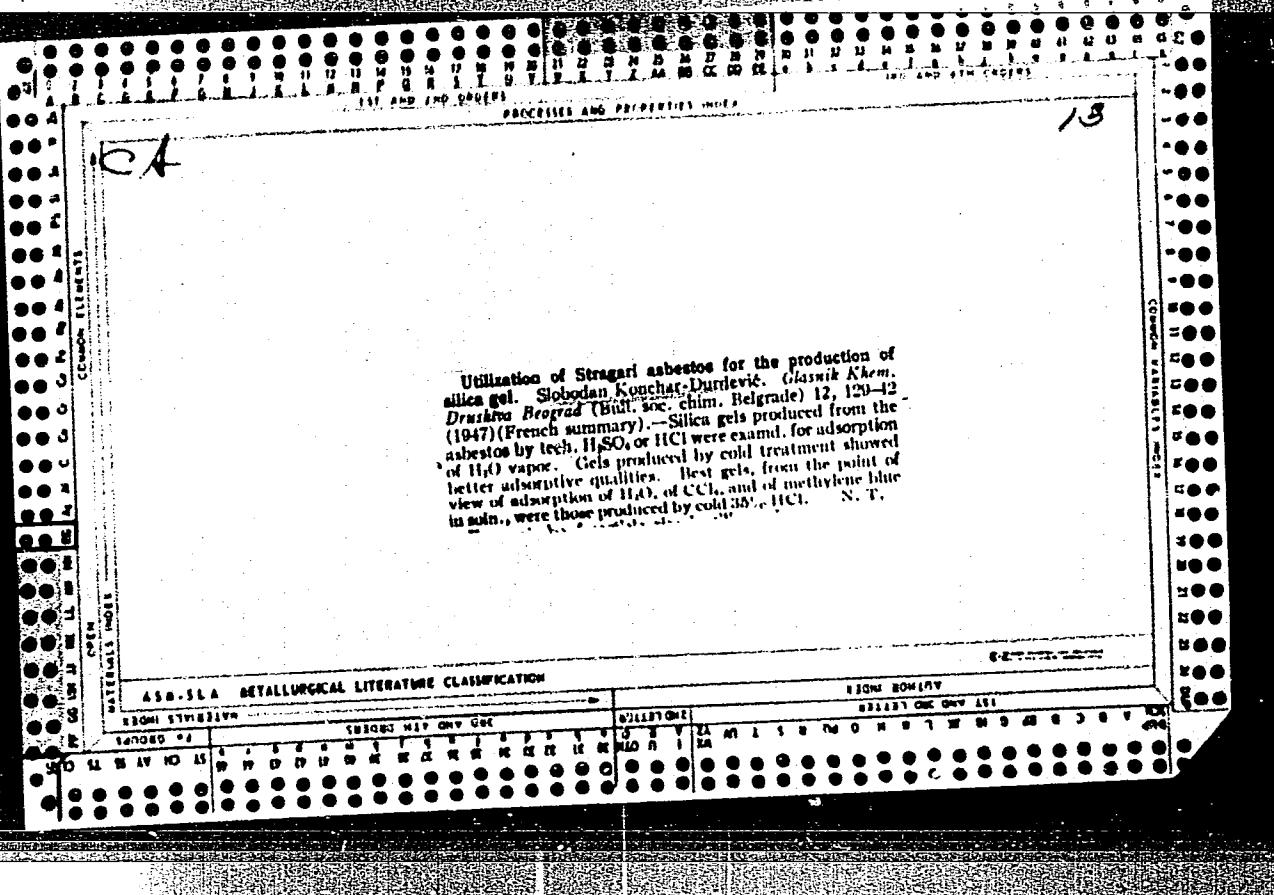
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KONCAR-DJURDJEVIC, Slobodan K.; BAJIC, Dejan M.; DJORDJEVIC, Bojan D.

Studies on the nature of electrification in the fluidization  
electrification, and explanation of separated material. Glas  
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Optimum conditions of + separation of material in the  
fluidization electrification. Ibid.:513-522

1. Institute of Chemical, Technological and Metallurgical  
Research, Belgrade, and Institute of Chemical Metallurgical  
Engineering of the Faculty of Technology and Metallurgy of the  
University of Belgrade, Belgrade.



C.A.  
1951

*Prokreditization  
Products*

Producer gas obtained from native Serbian young  
fuels. A. Kostaki and S. Končardunleyić. *Bull. soc.  
chim.*, Belgrade 19, 99-102 (1948).—Producer gas obtained  
from lignite of Kolubara and bituminous coal of Vrdnik  
contained, resp., CO<sub>2</sub> 9.0-11.1 and 5.3-8.6, O<sub>2</sub> 0.1-0.8  
and 0.1-0.7, CO 18.6-19.3 and 23.0-27.0, H<sub>2</sub> 9.05-14.6  
and 10.4-14.5, CH<sub>4</sub> 2.40-3.21 and 0.6-4.5%, and had  
calorific values 1040-1180 and 1218-1355 cal./g. Vari-  
ations of gas compn. occur depending on the time from  
charging the producer.  
B. A.

KONCAR - DECEMBER 1971

4836. PRODUCER GAS OBTAINED FROM NATIVE (SERBIAN) YOUNG FUELS.

Kosicki, A. and Koncar Jurdjevic, S. (Bull. Soc. Chim. Belgrade, 1949, vol. 13, 99-102; abstr. in Brit. Abstr., Bl, July 1949, 556). Producer gas obtained from lignite of Kolubara and bituminous coal of Vrdnik contained CO<sub>2</sub> 9.0-11.1 and 5.3-5.6, O<sub>2</sub> 0.1-0.8 and 0.1-0.7, CO 16.6-19.3, and 23.0-27.0, H<sub>2</sub> 9.9-14.6 and 10.4-14.5, methane 2.40-3.21 and 0.6-4.5%, and had calorific values 1040-1180, and 1245-1355 g.-cals. per g., respectively. Variations of gas composition occur depending on the time from charging the producer. B.A.

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KONCHAR-DURDEVIC, SLOBODAN

*Konchar-Durdevic, Slobodan; Maschinen-Apparatebau  
Industrie (Machinery and Apparatus for the Chemical In-  
dustry). Belgrade; Zavod - 1953.*

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9"

KONCAR-DURDEVIC, S.

Koncar-Durdevic, S. Dmitrovic, A.

"A simple adaptation of Lange's universal colorimeter for colorimetric analysis of solid planes in diffused reflected light." p. 297.  
(Glasnik, Vol. 17, no. 5, 1952, Beograd)

SO: Monthly List of East European Acquisitions, Vol. 2, No. 9, Library of Congress, September  
1953, <sup>u</sup>ncl.

KONCAR-DURDEVIC, S.

Koncar-Durdevic, S. Joksimovic-Tjapkin, S.

"A photoelectric colorimeter for the colorimetric analysis of small surfaces." p. 369.  
(Glasnik, Vol. 17, No. 6, 1952, Beograd.)

S0: Monthly List of East European Accessions, Vol. 2, No. 9, Library of Congress, September  
1953, Uncl.

....., - a few others.

"The drying of Arandjelovac clays by means of the convection of heat." p. 415. (Priroda.  
vol. 18, no. 6/7, 1953. Zagreb.)

SU: Monthly List of East European Accessions, Vol. 3, no. 3, Library of Congress. March 1954.  
Uncl.

Koncar-Durdevic, S.

Koncar-Durdevic, S; Nikolisa, N. "The drying of Arandjelovac clays by means of infrared radiation." p. 427. (Priroda. Vol. 18, no. 6/7, 1953. Zagreb.)

SO: Monthly List of East European Accessions, Vol. 3, no. 3, Library of Congress, March 1954.  
Uncl.

Koncar-Durdevic, S.

Koncar-Durdevic, S.; Stevanovic, M. "The dielectric drying of Arandjelovac clays." p. 432.  
(Priroda. Vol. 18, no. 6/7, 1953. Zagreb.)

SO: Monthly List of East European Accessions, Vol. 3, no. 3, Library of Congress. March 1954.  
Uncl.

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KONCHAR-DURDEVIC, S.

(3)

An adsorption method for semiquantitative determination  
of colored materials in very dilute solution. S. Končar-  
Durdević and S. Ioksimović-Tapkin (Inst. Inorg. Tech-  
nol., Belgrade, Yugoslavia). *Anal. Chim. Acta* 10, 340-55  
(1954) (in English).—An adsorption method is described for  
the semiquant. detn. of very dil. "colorless" solns. of  
colored materials. Filter-paper disks upon which a sus-  
pension of silica gel had been sprayed were mounted in a  
special cell, and the solns. were passed through these.  
By concg. the colored material by means of isothermal equil.  
adsorption on an adsorbent of limited area and thickness,  
visibly colored surfaces were obtained which could be used  
for detg. the unknown concns. by colorimetric measure-  
ments in diffusely reflected light. Landon A. Surver

10-14-64

mls

KONCAR-DURDEVIC, S.

Problems of cadres in our chemical industry. p.1781. TEHNIKA.  
Beograd. Vol. 10, no. 12, 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress  
Vol. 5, No. 6, June 1956

Specimens of colored material were taken  
from the colored material  
obtained from Bulgaria  
and Yugoslavia.  
The following specimens were taken:  
1. The student. She is  
a female student in  
the 11th grade.  
She is the daughter of  
a former student.  
She has been in Bulgaria  
since 1945. She is  
a member of the Communist Party  
and a Communist.  
She is a member of the  
Communist Party.  
She is a member of the  
Communist Party.

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CIA-RDP86-00513R000824130004-9"

KONCAR-DJURDJEVIC, Slobodan; POPOVIC, Gordana; MITROVIC, Milan

An attempt to experimental preparation of isochromatic surfaces.  
Glas Hem dr 28 no.7:383-392 '63.

1. Institute of Chemical Engineering of the Faculty of Technology  
and Metallurgy, Belgrade. Submitted January 22, 1963.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9

KONCEK, M.

"Observations of the northern lights in Hungary 1528 - 1960"  
by A.Rethly, Z.Berkes. Reviewed by M.Koncek. Georg cas SAV  
15 no.4:313 '63.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824130004-9"

KONCEK, M.

"Climate of the Czechoslovak Socialist Republic; tables."  
Reviewed by M. Koncek. Meteor zpravy 15 no. 3/4:115 Ag '62.

Z/023/60/000/001/005/006  
A026/A126

AUTHOR: Konček, Mikuláš

TITLE: On the problem of fog-ice precipitation in the mountains

PERIODICAL: Studia geoph. et geod., no. 1, 1960, 69-84

TEXT: The author reports on measurements of fog-ice precipitation by means of a geligraph. This instrument has been designed by him and operates on the balance principle, similar to a chionograph. The recipient is a vertical metal cylinder 5.4 cm in diameter and 40 cm high; by the growing load through ice precipitation it actuates the balance and with this the lever with a recording point. The prototype has been built in the mechanical workshop of the Physical Institute, Komenský University at Bratislava. The instrument has been installed on the Lomnitz Peak (High Tatra) and on Mt. Milešovka in NW-Bohemia from 1952 to 1954. The analysis of the recordings is the topic of subject paper. Reviewers: J. Jilek, F. Rein. There are 16 figures, 1 table and 14 references: 8 Soviet-bloc and 6 non-Soviet-bloc.

ASSOCIATION: Institute of Meteorology and Climatology, Komenský University, Bratislava

SUBMITTED: April 25, 1959  
Card 1/1

KONCEK, Mikulas

"Meteorologic phenomena and disasters caused by the elements  
recorded in Hungary to the year 1700" by Antal Rethly.  
Reviewed by Mikulas Koncek. Geogr cas SAV 15 no.2:155-156 '63.

KONCEK, Mikulas

Sketch of climatic conditions in Slovakia. Geogr cas SAV  
16 no.2:160-184 '64.

1. Corresponding member of the Slovak Academy of Sciences.

KONCEK, Mikulas

Sixtieth birthday of Professor S.P. Khromov, Gogr cas SAV  
16 no. 3:302-303 '64

1. Corresponding member of the Slovak Academy of Sciences.

L 31480-66 FCC GW  
ACC NR: AP6023104

SOURCE CODE: CZ/0085/65/000/006/0162/0164

AUTHOR: Koncek, Mikulas

ORG: Comenius University (Komenskeho Universita)

20  
B

TITLE: Changes in climate since the middle of last century

SOURCE: Meteorologicke zpravy, no. 6, 1965, 162-164

TOPIC TAGS: climatic condition, climatology, meteorologic observation

ABSTRACT: Meteorological observations made at Bratislava since 1851 are described. The observations made in the period of the last 115 years may be divided into three periods; the first period covers the end of the 19th century and was of a decidedly continental climatic nature; the second which lasted from the beginning of the century until the middle of the twenties had a definite maritime character; the third one since then shows the slow turning back to the continental character. Orig. art. has: 1 figure and 2 tables. [JPRS]

SUB CODE: 04 / SUBM DATE: none

Card 1/1 inc

UDC: 551.583.2

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KONSEK, M.

✓ 9.11-22

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†Konček, Mikuláš, *Tepiotné pomery Bratislavu*. [Temperature conditions of Bratislava.]  
Bratislavská Slovenská Akadémia Vied, 1956. 80 p., 27 figs., 47 tables, 44 refs. Russian,  
German and English summaries p. 77-80. DWB (M82.1/437 J82te). Review in *Meteorologické Zprávy*, Prague, 10(3):84, March 1957.—An elaborate and systematic analysis of a  
100-yr record of temperatures for Bratislava (1851-1950). Records from several locations in  
Bratislava are homogenized to allow comparison of one period with another. The climate was  
considered continental until the 1890's, then from 1911-20 it reached a peak of "maritime"  
character, reverting again to a variable "continental" character which reached its maximum  
in 1941-50. Details of sites of stations, nature of records, methods of compilation and ad-  
justment; frequencies of monthly mean, extreme and interdiurnal temperature changes,  
degree-days, aperiodic variations, secular trends, hourly variations during the different seasons,  
etc. are presented in tables and curves and isopleth charts, and discussed. A map and several  
photographs show locations of stations and surroundings. Subject Headings: 1. Temperature  
of Bratislava 2. Long period temperature records 3. Air temperatures 4. Bratislava,  
Czechoslovakia.—M.R.

TA  
✓

August 10, 1959

A.C.C.E.K., R. /reviewer/

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: /not given/

Source: Bratislava, Geograficky Casopis, Vol XIII, No 3, 1961, pp 237-239.

Data: "Climatic Atlas of Hungary." (Magyarrorszag eghajlati atlasza)  
Budapest, Hungarian Academy of Sciences, 196-.

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Temperature conditions of Bratislava according to the simultaneous observations by several stations. Meteor zpravy 15 no. 3/4-55-60 Ag '62.

1. Clen korespondent Slovenskej akademie vied, Bratislava.

KONCEK, Nikolaus, dr., prof., (Bratislava)

Peculiarities of the regime of temperature of the southern slopes of  
the High Tatra Mountains. Idojaras 64 no.2:72-82 Mr-Ap '60.  
(EEAI 10:3)

1. Korresp. Mitglied der Slowakischen Akademie fur Wissenschaften;  
Universitat von Bratislava (Tschechoslowakei)  
(Tatra Mountains)  
(Czechoslovakia--Atmospheric temperature)